

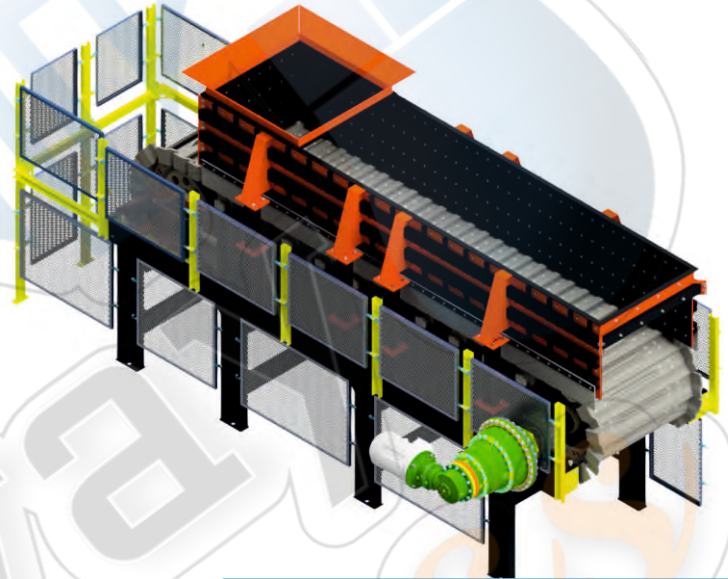
**APRON
FEEDER
MPS-AF**

MPS-AF APRON FEEDER

MİYAY MPS-AF Apron Feeders are protected against abrasion in harsh process conditions by means of manganese coating and hardox pallets. They are industrial machines used for feeding very hard, sticky, moist and abrasive materials. The pallets are bolted on a chain, the chains are moved by gears and make the feeder work like a conveyor. MİYAY MPS-AF Apron Feeders, which can operate horizontally or in clined, increase the efficiency of the plant. It is the most economical, safe and long-lasting material handling method. In addition to standard production, Miyay AF Apron Feeders can be specially designed according to process and customer needs.

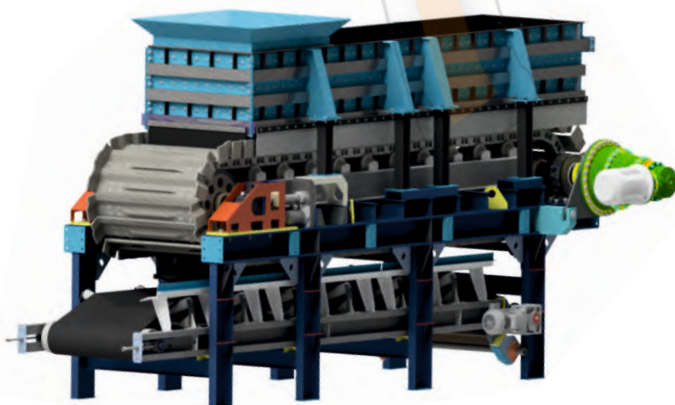
ADVANTAGES:

- *Rugged durability
- *Efficiency and reliability
- *Reduces the risk of stopping in production
- *The most robust feeder under 24/7 operation
- *Provides the most accurate feed rate
- *Cost effective - Easy maintenance
- *Long service life
- *Processing very small or very large capacity



PROCESSED MATERIALS

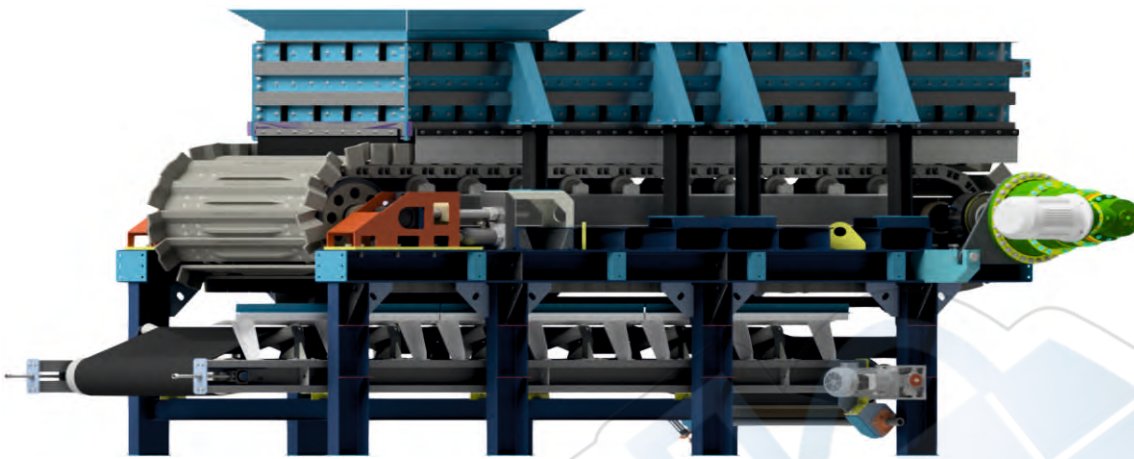
- *Limestone
- *Sand
- *Clay
- *Shale
- *Coal
- *Fertilizer
- * Pellets
- *Phosphate ore
- *Steel crops
- *Sugar cane
- *Castings
- *Lime
- *DAP
- *Trap rock
- *Ore
- *Magnesite
- *Dolomite
- *Molybdenite
- *Gypsum
- *Bauxite and other materials



FEATURES:

- *Pulley system lubricated for life
- *The lifetime for the bearings is min L10=100 000 hours.
- *Heat treated manganese steel cast pallets
- *High-starting torque
- *Resistant to extreme shock loading and strong
- *Very moist or dry material measurement
- *Processing very small or very large capacity
- *Direct drive hydraulic system
- *Chain and head drums Cat type
- *Emergency pull cord-cord switch (optional)
- *Automatic lubrication system (optional)
- *Bottom collection conveyor (optional)
- *Speed control with frequency converter
- *Bunker on the feeder (optional)
- *Installation supervision (optional)

MİYAY APRON FEEDER



CATALOG PRODUCT CODE

MPS- AF- 1245 - M400

MİYAY
EQUIPMENTS

APRON FEEDER

PALLET
WIDHT

USEFUL
LENGTH

CAPACITY

PALLET TYPE

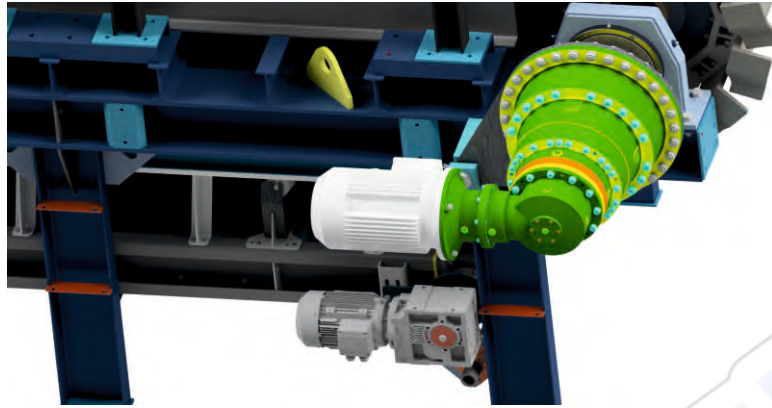
SELECTION TABLES

You can use the selection tables below to choose the apron feeder that is right for you. Apron feeder the characteristics of the feeder are available in the tables.

EQUIPMENT CODE	PALLET WIDTH	CODE	USEFUL LENGTH	CODE	PALLET TYPE	CODE	CAPACITY(T/H)
MAF200	1200 MM	12	4500 MM	45	MANGANESE	M	200
MAF400	1200 MM	12	4500 MM	45	MANGANESE	M	400
MAF600	1500 MM	15	6000 MM	60	HARDOX	H	600
MAF800	1500 MM	15	6000 MM	60	HARDOX	H	800

MİYAY APRON FEEDER

Drive Group:



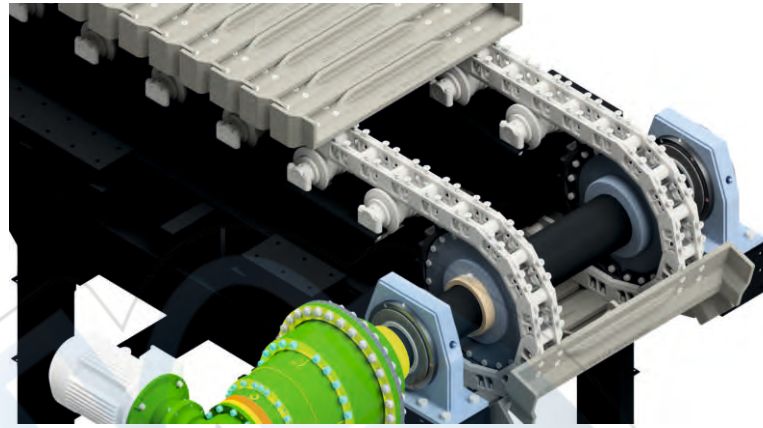
The gearbox-shaft connection is with clamping collar and it is connected to the chassis with the torque arm, the connection type is coupled. The drive group is selected in the Ip65 protection class and the electric motor becomes the minimum IE3 class.

Transport Pallets:

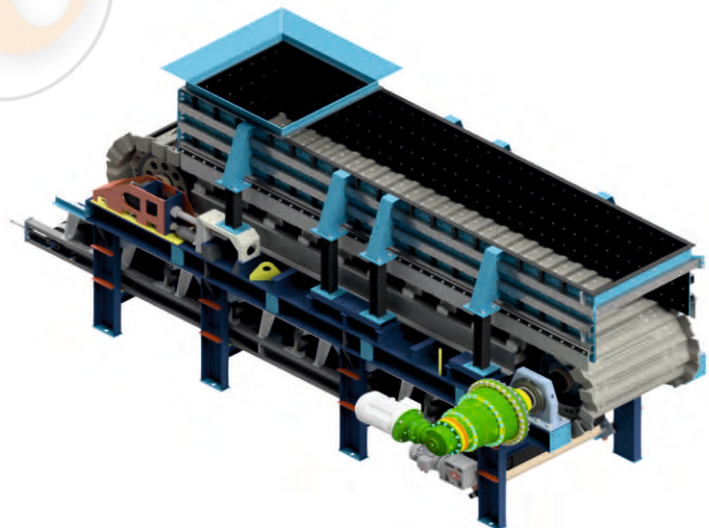


It is manufactured from corrosion and abrasion resistant heat treated manganese casting or hardox material. It has high resistance to high loading impact conditions. There are no gaps between the pallets to prevent one from entering the feeder. Due to its design, even very moist, sticky materials move quickly on the pallets. Since the pallets are fixed to the chain system with bolts, disassembly and assembly is done in a short time during maintenance.

Sprocket and Chains:

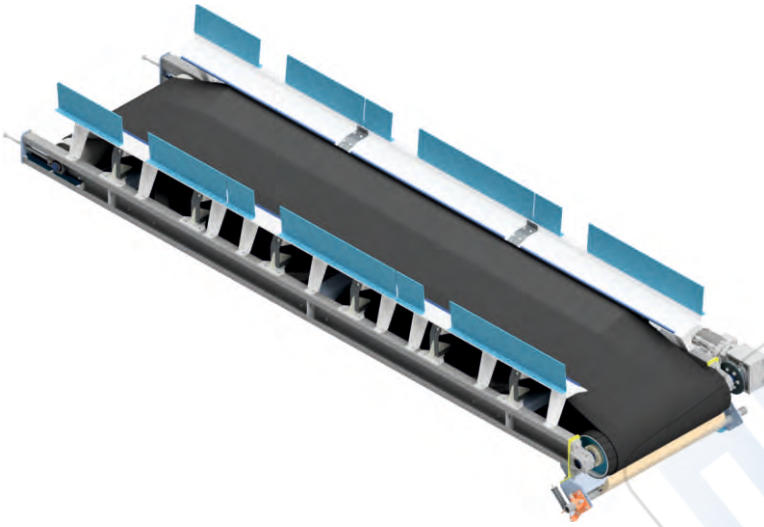


The chains and sprocket made of wear-resistant, deep-hardened alloy steel are heavy-duty. The chains are lubricated for life and double row chains are used. The sprocket connections are bolted connections.

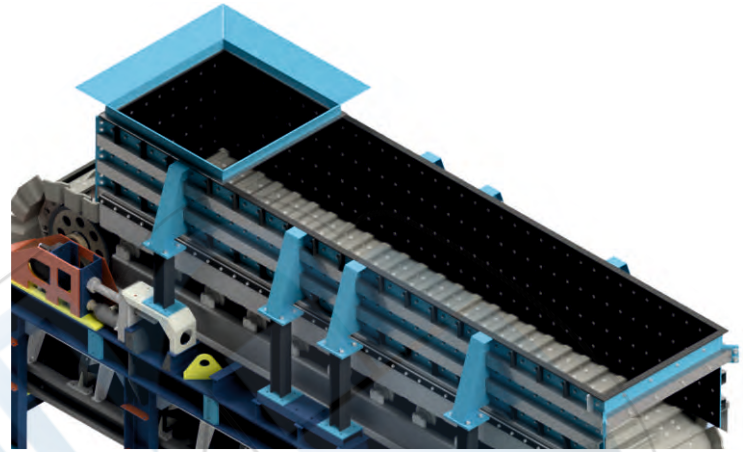


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Belt:



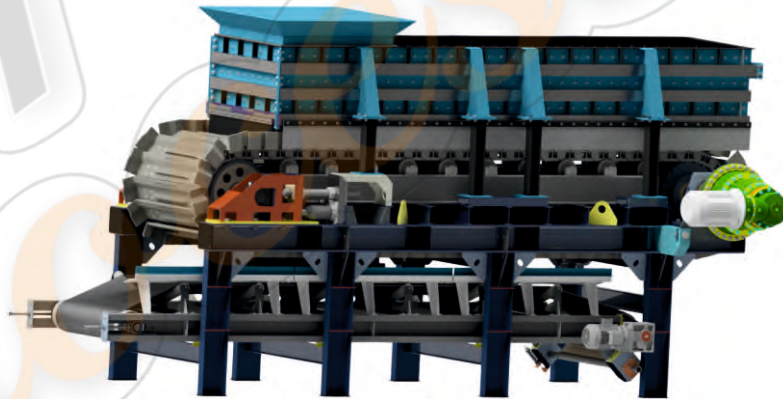
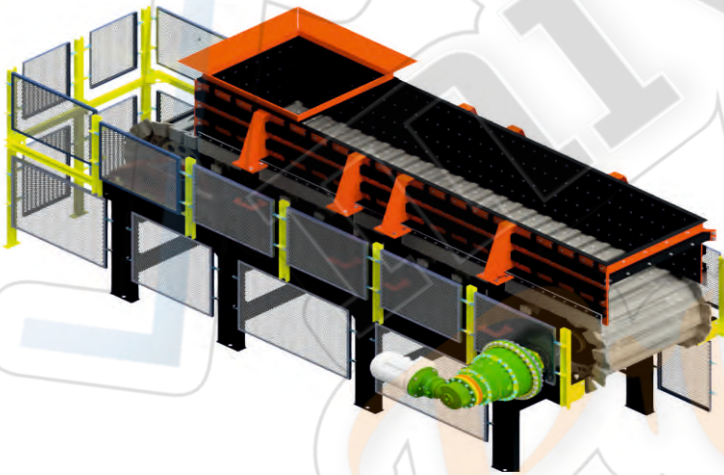
Feeding Bunker:



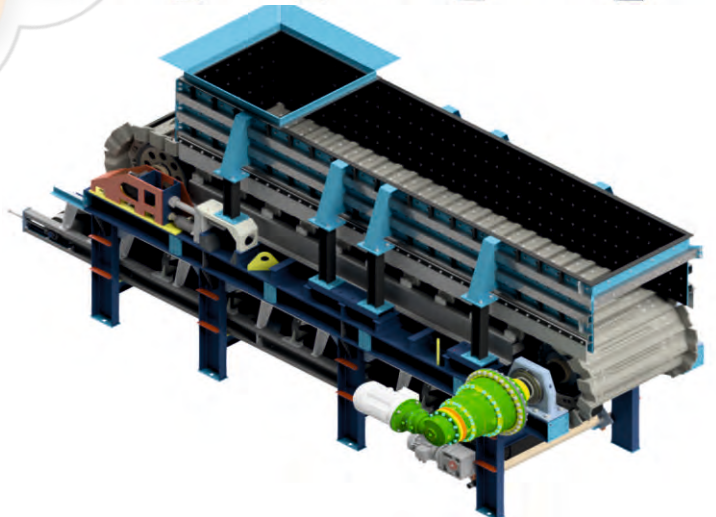
It is designed to collect the dust that falls under the pallet during the feeding of granular materials. It is equipped with a speed monitor, rape switch and belt registration for security.

At the request of the customer, the material feeding hopper is specially designed according to the field assembly area. It is designed in such a way that there is no are exit between the bunker and the crawler feeder. All surfaces touched by the are manufactured from wear-resistant sheet metal with a hardness at 500 brinels.

Work Safety:



The Apron Feeder is designed according to ISO 45001 and EN 1090-2 standards, ensuring occupational safety and security.





LOCAL SUPPORT
Field Service



REPAIRS AND UPGRADES
Machine Optimization and
modernization



TRAINING
Operation and Maintenance with
the Operator
Personnel Trainings



SPARE PARTS
Machine Spare Parts Stock
and Supply



SERVICE AGREEMENTS
Preventive Maintenance
Service Contracts



PROCESS OPTIMIZATION
Process Optimization Services



LAB AND ON-SITE TESTS
Laboratory Testing Services

Central:
Gökkuşığı Mah. Gökkuşığı Cad.
1209. Sok. No:17/2 Vadi Apt. 06520
Balgat-Çankaya/Ankara

Telefon: +90(312) 472 61 22
Fax: +90(312) 472 61 76
Eposta: miyay@miyay.com

Factory:
Saray Keresteciler Sitesi 3.Cd. No:64
Kahramankazan/Ankara

Telefon: +90(312) 472 61 93
Fax: +90(312) 395 29 32
Sabit Gsm: 0533 408 04 73
Mobil Gsm: 0533 686 90 51
Eposta: satis@miyay.com

www.miyay.com

